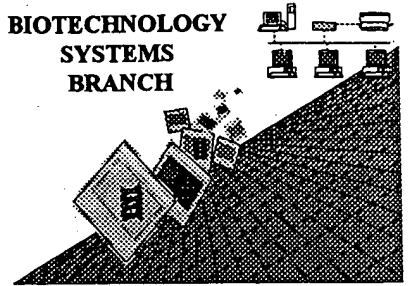


0200

RAW SEQUENCE LISTING **ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/421,213

Art Unit / Team No. : 01PE

Date Processed by STIC: 11/9/99

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

PAGE: 1

RAW SEQUENCE LISTING PATENT APPLICATION US/09/421,213

DATE: 11/09/1999

TIME: 11:24:18

Input Set: I421213.RAW

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

1 <110> O'Brien, Timothy J.
2 <120> TADG-15: An Extracellular Serine Protease
3 Overexpressed in Breast and Ovarian Carcinomas
4 <130> D6064CIP
5 <141> 1999-10-20
6 <150> 09/027,337
7 <151> 02-20-1998
8 <160> 98
9 <170> WORD 6.0.1 for Macintosh

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES FOLLOW

E-->

10	<210> 9	
11	<211> 2900	
12	<212> DNA	
13	<213> Homo sapiens	
14	<220>	
15	<223> SNC-19; GeneBank Accession No. #U20428	
16	<400> 9	
17	cgctgggtgg tgctggcagc cgtgctgac ggctctctct tggctcttgc ggggatcggc	60
18	ttcctgggtg ggcatttgca gtaccgggac gtgcgtgtcc agaaggtctt caatggctac	120 atgag
19	gtaagcctgg ccagcaaggt gaaggacgag ctgaagctgc tgtacagcgg agtcccattc	240
20	ctgggcccct accacaagga gtcggctgtg acggccttca gcgaggcag cgtcatcgcc	300
21	tactactggt ctgagttcag catcccgag cacctggttg aggaggccga gcgcgtcatg	360
22	gccaggagcg cgtagtcag ctgccccgc gggcgcgctc cctgaagtcc tttgtggtca	420
23	cctcagtggg ggctttcccc acggactcca aaacagtaca gaggaccag gacaacagct	480
24	gcagctttgg cctgcacgcc gcggtgtgga gctgatgcgc ttcaccacgc cggcttccct	540
25	gacagcccct acccgcgtca tgcccgctgc cagtgggctg cggggacgag acgcagtgt	600
26	gagctactcg agctgactcg cagcttgact gcgcctcgac gagcgcgga gcgacctggt	660
27	gacgtgtaca acacctgag ccccatggag cccacgcct ggtgagtggt tggcacctac	720
28	cctccctcct acaacctgac cttccactcc ctcccacgaa cgtcctgtc atcacactga	780
29	taaccaaac tgacgcgga tcccggcttt gaggccacct tcttcagct gcctaggatg	840
30	agcagctgtg gaggccgctt acgtaaagcc caggggacat tcaacagccc ctactaccca	900
31	ggccactacc caccacat tgactgcaca tggaaaattg aggtgcccc caaccagcat	960
32	gtgaagggtg gcttcaaatt cttctacctg ctggagcccc gcgtgcctgc gggcacctgc	1020
33	cccaaggact acgtggagat caatggggag aaatactgag gagagaggtc ccagttcgtc	1080
34	gtcaccagca acagcaaca gatcacagtt cgcttccact cagatcagtc ctacaccgac	1140
35	accggttct tagctgaata cctctctac gactccagt acccatgccc ggggcagttc	1200
36	acgtgccgca cggggcggtg tatccggaag gagctgcgct gtgatggctg ggcgactgca	1260
37	ccgaccagag cgatgagtc aactgcagtt gcgacgccc ccaccagttc acgtgcaaga	1320
38	gcaagttctg caagctcttc tgggtctgag acagtgtgaa cgagtgcgga gacaacagcg	1380
39	acgagcaggg ttgcatttgt ccggaccag accttcaggt gttccaatgg gaagtgcctc	1440

insert a hard return here

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/421,213

DATE: 11/09/1999

TIME: 11:24:18

Input Set: I421213.RAW

```

40      tcgaaaagcc agcagtgcaa tgggaaggac gactgtgggg acgggtccga cgaggcctcc 1500
41      tgccccaagg tgaacgtcgt cacttgtagc aaacacacct accgctgcct caatgggctc 1560
42      tgcttgagca agggcaaccc tgagtgtgac gggaaggagg actgtagcga cggctcagat 1620
43      gagaaggact gcgactgtgg gctgcgggtca ttcacgagac aggcctcgtg tgttgggggc 1680
44      acggatgcgg atgagggcga gtggccctgg caggtaagcc tgcagtctct gggccagggc 1740
45      cacatctgeg gtgcttcctt catctctccc aactggctgg tctctgcgcg acactgctac 1800
46      atcgatgaca gaggattcag gtactcagac cccacgcagg acggccttcc tgggcttgca 1860
47      cgaccagagc cagcgcaggc cctgggggtgc aggagcgcag gctcaagcgc atcatctccc 1920
48      accccttctt caatgacttc accttcgact atgacatcgc gctgctggag ctggagaaac 1980
49      cggcagagta cagctccatg gtgcggccca tctgcctgcc ggacgcctgc catgtcttcc 2040
50      ctgccggcaa ggccatctgg gtcacgggct ggggacacac ccagtatgga ggcactggcg 2100
51      cgctgactct gcaaaaaggt gagatccgcg tcatcaacca gaccacctgc gagaacctcc 2160
52      tgccgcagca gatcacgccg cgcagtatgt gcgtgggctt cctcagcggc ggcgtggact 2220
53      cctgccaggg tgattccggg ggacccctgt ccagcgtgga ggcggatggg cggatcttcc 2280
54      aggccgggtg ggtgagctgg ggagacgctg cgctcagagg aacaagccag gcgtgtacac 2340
55      aaggctccct ctgtttcggg aatggatcaa agagaacact ggggtatagg ggccggggcc 2400
56      acccaaagt gtacacctgc ggggccaccc atcgtccacc ccagtgtgca cgcctgcagg 2460
57      ctggagactc gcgcaccgtg acctgcacca gcgcccaga acatacactg tgaactcatc 2520
58      tccaggctca aatctgctag aaaacctctc gcttctcag cctccaaagt ggagctggga 2580
59      gggtagaagg ggaggaacac tgggtgttct actgacccaa ctggggcaag gtttgaagca 2640
60      cagctccggc agcccaagtg ggcgaggacg cgtttgtgca tactgcctg ctctatacac 2700
61      ggaagacctg gatctctagt gactgtgact gccggtctg gctgtggtcc ttggccacgc 2760
62      ttcttgagga agcccaggct cggaggaccc tggaaaacag acgggtctga gactgaaaat 2820
63      ggtttaccag ctcccagggt acttcagtgt gtgtattgtg taaatgagta aaacatttta 2880
64      tttcttttta aaaaaaaaaa

```

E-->

```

65      <210> 10
66      <211> 922 902 shown (p. 5)
67      <212> PRT
68      <213> Mus musculus
69      <220>
70      <223> Epithin
71      <400> 10
72      Met Gly Ser Asn Arg Gly Arg Lys Ala Gly Gly Gly Ser Gln Asp
73              5              10              15
74      Phe Gly Ala Gly Leu Lys Tyr Asp Ser Arg Leu Glu Asn Met Asn
75              20              25              30
76      Gly Phe Glu Glu Gly Val Glu Phe Leu Pro Ala Asn Asn Ala Lys
77              35              40              45
78      Lys Val Glu Lys Arg Gly Pro Arg Arg Trp Val Val Leu Val Ala
79              50              55              60
80      Val Leu Phe Ser Phe Leu Leu Leu Ser Leu Met Ala Gly Leu Leu
81              65              70              75
82      Val Trp His Phe His Tyr Arg Asn Val Arg Val Gln Lys Val Phe
83              80              85              90
84      Asn Gly His Leu Arg Ile Thr Asn Glu Ile Phe Leu Asp Ala Tyr
85              95              100             105
86      Glu Asn Ser Thr Ser Thr Glu Phe Ile Ser Leu Ala Ser Gln Val
87              110             115             120
88      Lys Glu Ala Leu Lys Leu Leu Tyr Asn Glu Val Pro Val Leu Gly

```

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/421,213

DATE: 11/09/1999
TIME: 11:24:18

Input Set: I421213.RAW

89		125		130		135
90	Pro Tyr His Lys	Lys Ser Ala Val Thr	Ala Phe Ser Glu Gly Ser			
91		140		145		150
92	Val Ile Ala Tyr	Tyr Trp Ser Glu Phe	Ser Ile Pro Pro His Leu			
93		155		160		165
94	Ala Glu Glu Val	Asp Arg Ala Met Ala	Val Glu Arg Val Val Thr			
95		170		175		180
96	Leu Pro Pro Arg	Ala Arg Ala Leu Lys	Ser Phe Val Leu Thr Ser			
97		185		190		195
98	Val Val Ala Phe	Pro Ile Asp Pro Arg	Met Leu Gln Arg Thr Gln			
99		200		205		210
100	Asp Asn Ser Cys	Ser Phe Ala Leu His	Ala His Gly Ala Ala Val			
101		215		220		225
102	Thr Arg Phe Thr	Thr Pro Gly Phe Pro	Asn Ser Pro Tyr Pro Ala			
103		230		235		240
104	His Ala Arg Cys	Gln Trp Val Leu Arg	Gly Asp Ala Asp Ser Val			
105		245		250		255
106	Leu Ser Leu Thr	Phe Arg Ser Phe Asp	Val Ala Pro Cys Asp Glu			
107		260		265		270
108	His Gly Ser Asp	Leu Val Thr Val Tyr	Asp Ser Leu Ser Pro Met			
109		275		280		285
110	Glu Pro His Ala	Val Val Arg Leu Cys	Gly Thr Phe Ser Pro Ser			
111		290		295		300
112	Tyr Asn Leu Thr	Phe Leu Ser Ser Gln	Asn Val Phe Leu Val Thr			
113		305		310		315
114	Leu Ile Thr Asn	Thr Gly Arg Arg His	Leu Gly Phe Glu Ala Thr			
115		320		325		330
116	Phe Phe Gln Leu	Pro Lys Met Ser Ser	Cys Gly Gly Val Leu Ser			
117		335		340		345
118	Asp Thr Gln Gly	Thr Phe Ser Ser Pro	Tyr Tyr Pro Gly His Tyr			
119		350		355		360
120	Pro Pro Asn Ile	Asn Cys Thr Trp Asn	Ile Lys Val Pro Asn Asn			
121		365		370		375
122	Arg Asn Val Lys	Val Arg Phe Lys Leu	Phe Tyr Leu Val Asp Pro			
123		380		385		390
124	Asn Val Pro Val	Gly Ser Cys Thr Lys	Asp Tyr Val Glu Ile Asn			
125		395		400		405
126	Gly Glu Lys Gly	Ser Gly Glu Arg Ser	Gln Phe Val Val Ser Ser			
127		410		415		420
128	Asn Ser Ser Lys	Ile Thr Val His Phe	His Ser Asp His Ser Tyr			
129		425		430		435
130	Thr Asp Thr Gly	Phe Leu Ala Glu Tyr	Leu Ser Tyr Asp Ser Asn			
131		440		445		450
132	Asp Pro Cys Pro	Gly Met Phe Met Cys	Lys Thr Gly Arg Cys Ile			
133		455		460		465
134	Arg Lys Glu Leu	Arg Cys Asp Gly Trp	Ala Asp Cys Pro Asp Tyr			
135		470		475		480
136	Ser Asp Glu Arg	Tyr Cys Arg Cys Asn	Ala Thr His Gln Phe Thr			
137		485		490		495
138	Cys Lys Asn Gln	Phe Cys Lys Pro Leu	Phe Trp Val Cys Asp Ser			

PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/421,213

DATE: 11/09/1999
TIME: 11:24:18

Input Set: I421213.RAW

139		500		505		510
140	Val Asn Asp Cys Gly Asp Gly Ser Asp		Glu Glu Gly Cys Ser Cys			
141		515		520		525
142	Pro Ala Gly Ser Phe Lys Cys Ser Asn		Gly Lys Cys Leu Pro Gln			
143		530		535		540
144	Ser Gln Lys Cys Asn Gly Lys Asp Asn		Cys Gly Asp Gly Ser Asp			
145		545		550		555
146	Glu Ala Ser Cys Asp Ser Val Asn Val		Val Ser Cys Thr Lys Tyr			
147		560		565		570
148	Thr Tyr Arg Cys Gln Asn Gly Leu Cys		Leu Ser Lys Gly Asn Pro			
149		575		580		585
150	Glu Cys Asp Gly Lys Thr Asp Cys Ser		Asp Gly Ser Asp Glu Lys			
151		590		595		600
152	Asn Cys Asp Cys Gly Leu Arg Ser Phe		Thr Lys Gln Ala Arg Val			
153		605		610		615
154	Val Gly Gly Thr Asn Ala Asp Glu Gly		Glu Trp Pro Trp Gln Val			
155		620		625		630
156	Ser Leu His Ala Leu Gly Gln Gly His		Leu Cys Gly Ala Ser Leu			
157		635		640		645
158	Ile Ser Pro Asp Trp Leu Val Ser Ala		Ala His Cys Phe Gln Asp			
159		650		655		660
160	Asp Lys Asn Phe Lys Tyr Ser Asp Tyr		Thr Met Trp Thr Ala Phe			
161		665		670		675
162	Leu Gly Leu Leu Asp Gln Ser Lys Arg		Ser Ala Ser Gly Val Gln			
163		680		685		690
164	Glu Leu Lys Leu Lys Arg Ile Ile Thr		His Pro Ser Phe Asn Asp			
165		695		700		705
166	Phe Thr Phe Asp Tyr Asp Ile Ala Leu		Leu Glu Leu Glu Lys Ser			
167		710		715		720
168	Val Glu Tyr Ser Thr Val Val Arg Pro		Ile Cys Leu Pro Asp Ala			
169		725		730		735
170	Thr His Val Phe Pro Ala Gly Lys Ala		Ile Trp Val Thr Gly Trp			
171		740		745		750
172	Gly His Thr Lys Glu Gly Gly Thr Gly		Ala Leu Ile Leu Gln Lys			
173		755		760		765
174	Gly Glu Ile Arg Val Ile Asn Gln Thr		Thr Cys Glu Asp Leu Met			
175		770		775		780
176	Pro Gln Gln Ile Thr Pro Arg Met Met		Cys Val Gly Phe Leu Ser			
177		785		790		795
178	Gly Gly Val Asp Ser Cys Gln Gly Asp		Ser Gly Gly Pro Leu Ser			
179		800		805		810
180	Ser Ala Glu Lys Asp Gly Arg Met Phe		Gln Ala Gly Val Val Ser			
181		815		820		825
182	Trp Gly Glu Gly Cys Ala Gln Arg Asn		Lys Pro Gly Val Tyr Thr			
183		830		835		840
184	Arg Leu Pro Cys Ser Ser Gly Leu Asp		Gln Arg Ala His Trp Gly			
185		845		850		855
186	Ile Ala Ala Trp Thr Asp Ser Arg Pro		Gln Thr Pro Thr Gly Met			
187		860		865		870
188	Pro Asp Met His Thr Trp Ile Gln Glu		Arg Asn Thr Asp Asp Ile			

DATE: 11/09/1999
TIME: 11:24:18

Input Set: I421213.RAW

189 875 900 880 905 885
190 Tyr Ala Val Ala Ser Pro Pro Gln His Asn Pro Asp Cys Glu Leu
191 910 890 915 895 920 900
192 His Pro

VERIFICATION SUMMARY
PATENT APPLICATION US/09/421,213DATE: 11/09/1999
TIME: 11:24:18

Input Set: I421213.RAW

Line	Error/Warning	Original Text
18	E Number of Bases conflict w/ Running Total	ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt
18	E Wrong Nucleic Acid Designator	ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt
18	E Wrong Nucleic Acid Designator	ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt
18	E Wrong Nucleic Acid Designator	ttcctggtgt ggcatttgca gtaccgggac gtgcgtgt
66	E Input 922, Calc Seq.Length 902 differ	<211> 922